

Abstract of the Disclosure

A computer system providing endian information and a method of data transmission thereof are disclosed. The method of data transmission in the computer system of the present invention comprises: reading endian information stored in a base address register of peripheral devices; deciding whether the endian information of the computer system is identical with endian information of the peripheral devices; byte-swapping data of the peripheral devices when the endian information of the computer system is different from the endian information of the peripheral devices, and transmitting the byte-swapped data to a system bus of the computer system; and transmitting the data of the peripheral devices to the system bus when the endian information of the computer system is identical with the endian information of the peripheral devices. Therefore, a data transmission in accordance with the present invention is implemented without any data confusion even when the endian information of the peripheral devices is different from the endian information of the computer system.